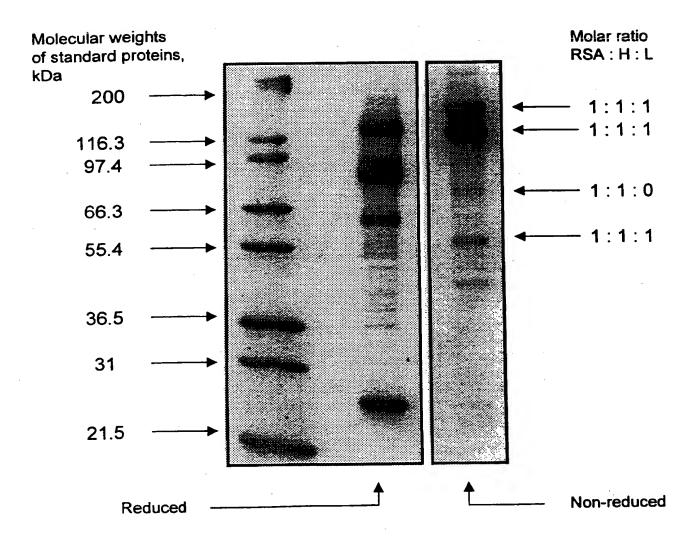
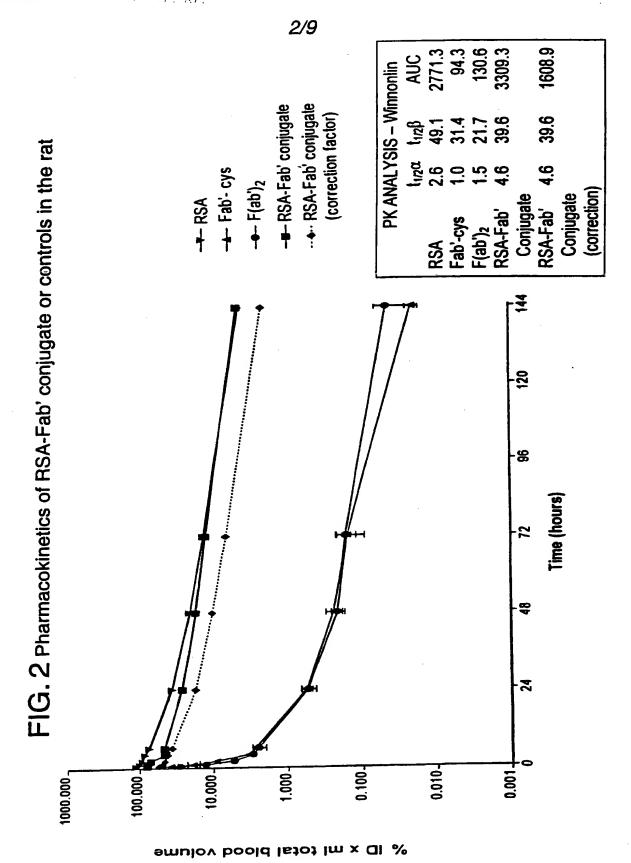
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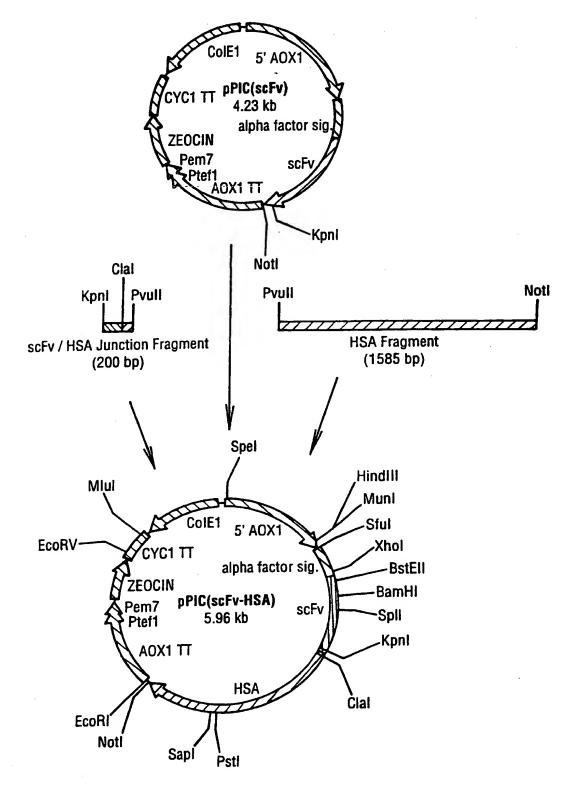
FIG. 1SDS PAGE of RSA-FAB' conjugate





 $t_{17}\alpha(h)$ $t_{12}\beta(h)$ AUC $(0-\infty)$ (h*)1g/ml) 780 824 975 NO PK ANALYSIS - Winnonlin 19.5 21.6 0.7 24.7 ND 0.8 £.5 % ₽ 27 FIG. 3 Pharmacokinetics of RSA-Fab' or Fab'-cys in the rat (assayed by ELISA or cytokine neutralisation RSA-Fab' conjugate RSA-Fab' conjugate RSA-Fab' conjugate igand-albumin) ligand-L chain) ELISA assay: 120 .929 assay: Fab'-cys Fab'-cys . 9 Time (h) 48 2 0.001 0.010 10.000 1.000. 1000.0001 100.000 0.100 [JW/6rl]

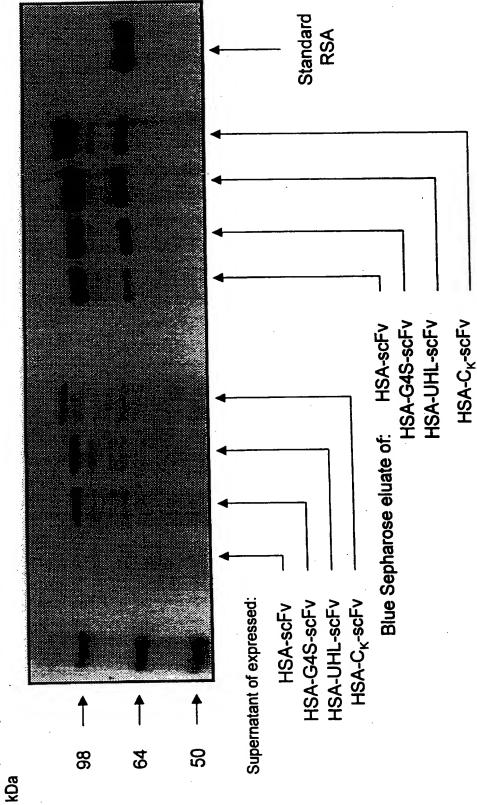
FIG. 4 Construction of pPIC (scFv-HSA)



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FIG. 5 Reducing SDS PAGE of HSA-scFv fusion proteins

5/9



Molecular weights of standard proteins

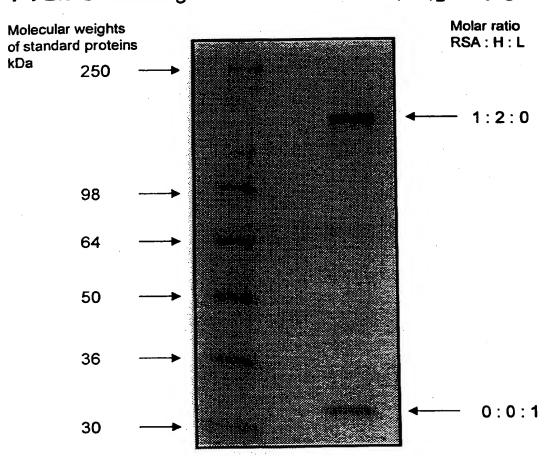
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6/9 (h*%dose) 1163.83 1281.97 t₁₁₂β (h) AUC(0-∞) 1224.78 1271.6 16.63 15.21 16.48 14.77 FIG. 6Pharmacokinetics to HSA-Fab' fusion proteins or HSA in the rat t_{1/2}α(h) --- ScFv-UHL-HSA -E-ScFV-G4S-HSA ScFv-HSA 2.28 ScFv-G₄S-HSA 0.98 ScFv-UHL-HSA 3.02 HSA 0.77 PK ANAL YSIS -+- ScFv-HSA ¥SH-+ -22 - 98 Time (hours) 8 0.10 1.00 0.0 10.00 1000.001 100.00

% ID x mi total blood volume

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FIG. 8Reducing SDS PAGE of HSA-F(ab')₂ conjugate



Bound pM

FIG. 9Scatchard plots of binding of RSA-F(ab')₂ or F(ab')₂ control to cell membranes Calculated K_D, nM 4 F(ab')₂ control RSA- F(ab')₂ Molecule 9 ф 9 Bound/Free (E-4) 9 35, 25 20 15 S 30